

## EE Initial Notification Summary Information

PM<sub>10</sub>

Submitting Agency: Arizona Department of Environmental Quality

Agency Contact: **Jonny Malloy**

Date Submitted: **May 18, 2017**

Applicable NAAQS: **1987 PM<sub>10</sub>**

Affected Regulatory Decision<sup>1</sup>: **Maricopa County Non-Attainment**

*(for classification decisions, specify level of the classification with/without EE concurrence)*

Area Name/Designation Status: **Maricopa County – Phoenix (Serious)**

Design Value Period (list three year period): **2015-2017 and/or 2016-2018**

### **A) Information specific to each flagged monitor day that may be submitted to EPA in support of the affected regulatory decision listed above**

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other <sup>2</sup> )	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)	Notes (e.g. event name, links to other events)
September 27, 2016	High Wind	RJ	04-013-2001-1	Glendale	180 µg/m <sup>3</sup>	State of Arizona Exceptional Event Documentation of a High Wind Dust Event PM10 Exceedance on September 27, 2016 in the Maricopa County PM10 Nonattainment Area
September 27, 2016	High Wind	RJ	04-013-9997-3	JLG Supersite	161 µg/m <sup>3</sup>	State of Arizona Exceptional Event Documentation of a High Wind Dust Event PM10 Exceedance on September 27, 2016 in the Maricopa County PM10 Nonattainment Area
September 28, 2016	High Wind	RJ	04-013-2001-1	Glendale	223 µg/m <sup>3</sup>	State of Arizona Exceptional Event Documentation of a High Wind Dust Event PM10 Exceedance on September 28, 2016 in the Maricopa County PM10 Nonattainment Area

### **B) Violating Monitors Information**

**(listing of all violating monitors in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by EEs)**

Monitor (AQS ID and POC)	Design Value ( <u>without</u> EPA concurrence on any of the events listed in table A above)	Design Value ( <u>with</u> EPA concurrence on all events listed in table A above)

<sup>1</sup> designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

<sup>2</sup> Provide additional information for types of event described as "other"

**C) Summary of Maximum Design Value (DV) Monitor Information (Effect of EPA Concurrence on Maximum Design Value Monitor Determination)**

**(Two highest values from Table B)**

Maximum DV monitor (AQS ID and POC) <b><u>without</u> EPA concurrence</b> on any of the events listed in table A above (2015-2017)	Design Value <b>0.66</b>	Design Value Monitor <b>Glendale (04-013-2001-1) and West 43<sup>rd</sup> (04-013-4009-1)</b>	Note: The Glendale monitor exceedances are in the EE high wind submittal for Sept. 27-28, 2016.
Maximum DV monitor (AQS ID and POC) <b><u>with</u> EPA concurrence</b> on all events listed in table A above (2015-2017)	Design Value <b>0.66</b>	Design Value Monitor <b>West 43<sup>rd</sup> (04-013-4009-1)</b>	
Maximum DV monitor (AQS ID and POC) <b><u>without</u> EPA concurrence</b> on any of the events listed in table A above (2016-2018)	Design Value <b>0.66</b>	Design Value Monitor <b>Glendale (04-013-2001-1) and West 43<sup>rd</sup> (04-013-4009-1)</b>	Note: The Glendale monitor exceedances are in the EE high wind submittal for Sept. 27-28, 2016.
Maximum DV monitor (AQS ID and POC) <b><u>with</u> EPA concurrence</b> on all events listed in table A above (2016-2018)	Design Value <b>0.66</b>	Design Value Monitor <b>West 43<sup>rd</sup> (04-013-4009-1)</b>	

Note: The event in Table A is being submitted as an exceptional event demonstration due to the historical likelihood of additional high wind dust events occurring over the next few years. Subsequent initial notification forms may be submitted to EPA as documentation of the additional 2017-2018 events are pursued and prepared.